

# Notice of Allowability

Application No.

10/050,299

Examiner

Melvin Curtis Mayes

Applicant(s)

BAHNS ET AL.

Art Unit

1734

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 5/23/05.
2. ☒ The allowed claim(s) is/are 1-3 and 5-22.
3. ☒ The drawings filed on 18 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

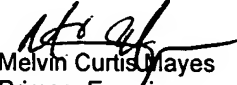
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Melvin Curtis Mayes  
Primary Examiner  
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## EXAMINER'S AMENDMENT

(1)

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eric Levinson on July 28, 2005.

The application has been amended as follows:

Claims 1 and 2 have been rewritten to read:

1. A method comprising:

- creating a first generation check disk from a master without destroying the master;
- testing the check disk; and

- creating a first generation stamper from the master when the check disk is acceptable, wherein creating the first generation check disk comprises:

- coating a master surface with a release layer;

- coating a photopolymer layer on a check disk substrate;

- contacting the photopolymer layer with the release layer;

- curing the photopolymer layer to bond the photopolymer layer to the check disk substrate and to preserve a pattern of the master surface in the photopolymer layer;

- separating the photopolymer layer from the release layer; and

- depositing at least one of the following on the photopolymer layer: a reflective material, a phase change material and a magneto-optic material.

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2. A method comprising:

creating a first generation check disk directly from a master without destroying the master and prior to creating a first-generation stamper;

delivering the check disk to a customer; and

creating the first generation stamper from the master when the customer indicates acceptance of the check disk.

Claim 4 has been cancelled;

Specification, page 5, line 23, after "2001," the phrase "now U.S. Patent No. 6,638,692," has been inserted;

Specification, page 5, line 29, after "09/906,357," the phrase ", now U.S. Patent No. 6,638,692," has been inserted;

Specification, page 14, line 17, after "2001" the phrase ", now U.S. Patent No. 6,616,867," has been inserted;

Specification, page 14, line 21, after "09/778,482" the phrase ", now U.S. Patent No. 6,616,867," has been inserted.

(2)

The following is an examiner's statement of reasons for allowance: The closest prior art of record, Henmi et al. 5,274,618 and Hirono et al. 6,635,896, disclose testing a first generation stamper made from a master. The prior art of record does not disclose or suggest creating a first generation check disk from a master by the steps as claimed in Claims 1 and 20 and testing the check disk before a first generation stamper is created from the master, or as claimed in Claim 2 made directly from the master and prior to

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creating a first generation stamper and delivered to a customer before the first generation stamper is created from the master.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

(3)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Curtis Mayes whose telephone number is 571-272-1234. The examiner can normally be reached on Mon-Fri 7:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris Fiorilla can be reached on 571-272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

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have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).



Melvin Curtis Mayes  
Primary Examiner  
Art Unit 1734

MCM  
August 1, 2005